



02/12/99

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL***(Only for new nonprovisional applications under 37 CFR 1.53(b))*

Attorney Docket No.

862.2678

First Named Inventor or Application Identifier

NAOTO ABE

Express Mail Label No.

**APPLICATION ELEMENTS***See MPEP chapter 600 concerning utility patent application contents.***ADDRESS TO:**Assistant Commissioner for Patent  
Box Patent Application  
Washington, DC 202311. ☒ Fee Transmittal Form  
(Submit an original, and a duplicate for fee processing)2. ☒ Specification Total Pages **112**3. ☒ Drawing(s) (35 USC 113) Total Sheets **40**4. ☒ Oath or Declaration Total Pages **1**a. ☐ Newly executed (original or copy)b. ☒ Unexecuted for information purposesc. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 17 completed)  
(Note Box 5 below)i. ☐ **DELETION OF INVENTOR(S)**  
Signed Statement attached deleting inventor(s) named in  
the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).5. ☐ Incorporation By Reference (useable if Box 4c is checked)  
The entire disclosure of the prior application, from which a copy of the oath or  
declaration is supplied under Box 4c, is considered as being part of the disclosure of  
the accompanying application and is hereby incorporated by reference therein.6. ☐ Microfiche Computer Program (Appendix)7. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)a. ☐ Computer Readable Copyb. ☐ Paper Copy (identical to computer copy)c. ☐ Statement verifying identity of above copies**ACCOMPANYING APPLICATION PARTS**8. ☐ Assignment Papers (cover sheet & documents)9. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)10. ☐ English Translation Document (if applicable)11. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS  
Citations12. ☐ Preliminary Amendment13. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)14. ☐ Small Entity Statement(s) ☐ Statement filed in prior application  
Status still proper and desired15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)16. ☐ Other: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No. \_\_\_\_/\_\_\_\_

**18. CORRESPONDENCE ADDRESS**☒ Customer Number or Bar Code Label**05514**

(Insert Customer No. or Attach bar code label here)

or ☐ Correspondence address below

NAME

Address

City

State

Zip Code

Country

Telephone

Fax



CLAIMS	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
	<b>TOTAL CLAIMS</b> (37 CFR 1.16(c))	34-20 -	14	X \$ 18.00 -	\$ 252.00
	<b>INDEPENDENT CLAIMS</b> (37 CFR 1.16(b))	12-3 -	9	X \$ 78.00 -	\$ 702.00
	<b>MULTIPLE DEPENDENT CLAIMS</b> (if applicable) (37 CFR 1.16(d))			\$260.00 -	\$ 00.00
				<b>BASIC FEE</b> (37 CFR 1.16(a))	\$ 760.00
	<b>Total of above Calculations -</b>				<b>\$1714.00</b>
	<b>Reduction by 50% for filing by small entity (Note 37 CFR 1.9, 1.27, 1.28).</b>				
	<b>TOTAL -</b>				<b>\$1714.00</b>

19. Small entity status

- a. ☐ A Small entity statement is enclosed
- b. ☐ A small entity statement was filed in the prior nonprovisional application and such status is still proper and desired.
- c. ☐ Is no longer claimed.

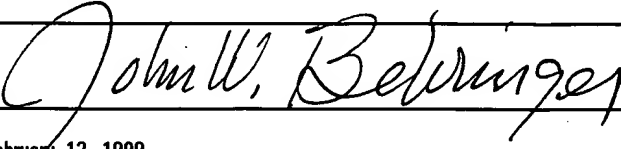
20. ☒ A check in the amount of \$ 1714.00 to cover the filing fee is enclosed.

21. ☐ A check in the amount of \$ \_\_\_\_\_ to cover the recordal fee is enclosed.

22. The Commissioner is hereby authorized to credit overpayments or charge the following fees to Deposit Account No. 06-1205:

- a. ☒ Fees required under 37 CFR 1.16.
- b. ☐ Fees required under 37 CFR 1.17.
- c. ☐ Fees required under 37 CFR 1.18.

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED**

NAME	John W. Behringer, Reg. No. 23,086
SIGNATURE	
DATE	February 12, 1999